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By- Anderson, Robert H.

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This bibliography on organizational trends in schools lists 386 books, pamphlets, articles, bibliographies, and audiovisual resources published between 1955 and 1968, but mostly since 1965. Topics covered include (1) the educational reform movement and major trends in school organization, (2) cooperative teaching and emerging staff utilization practices, (3) nongraded school organization, (4) pupil grouping and individualized instruction, (5) research and development in teaching studies, individual differences, academic achievement, motivation, prediction of pupil progress, and sex differences, (6) reporting pupil progress, (7) the computer in education, and (8) architecture, equipment, and uses of space. (TT)

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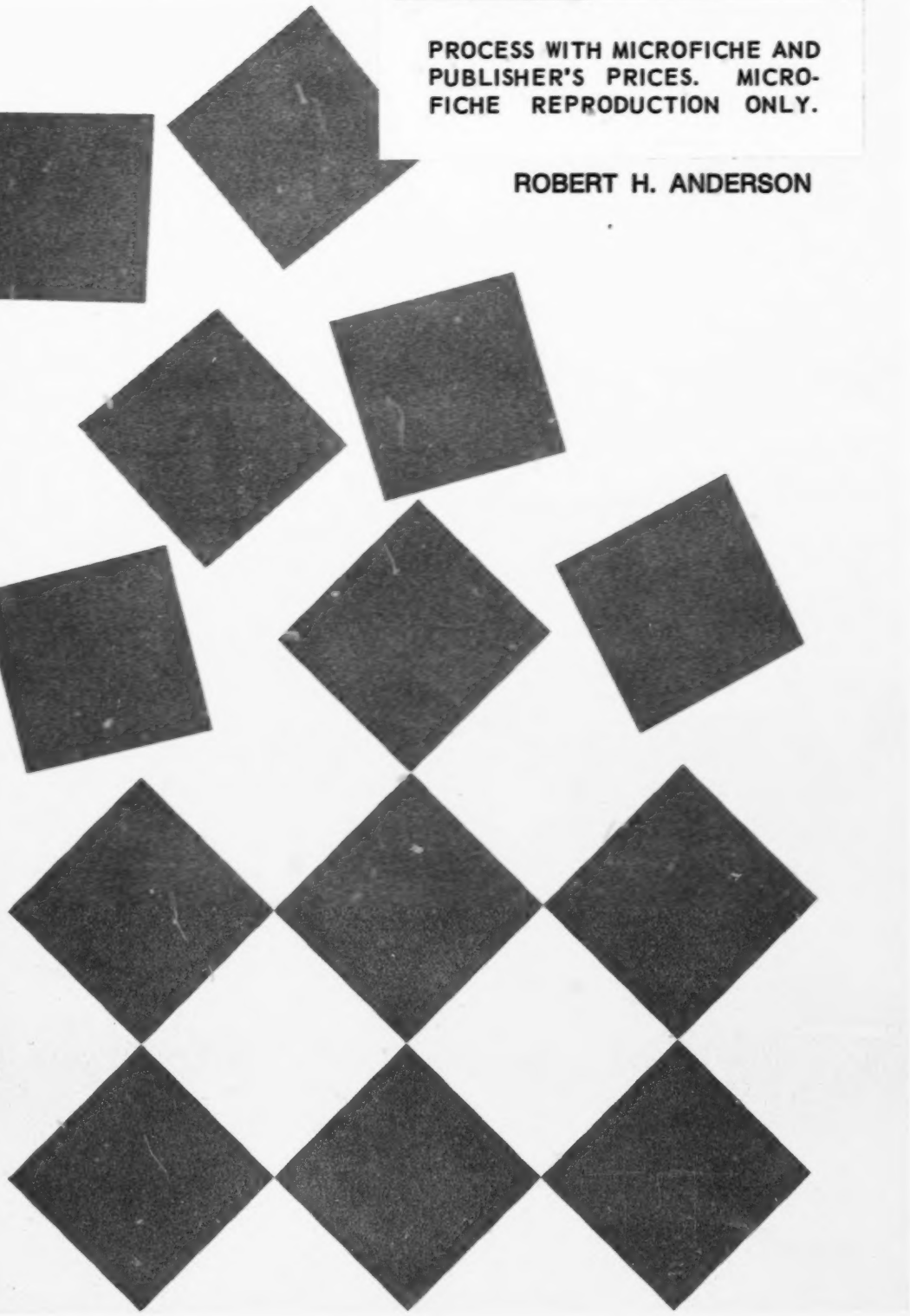

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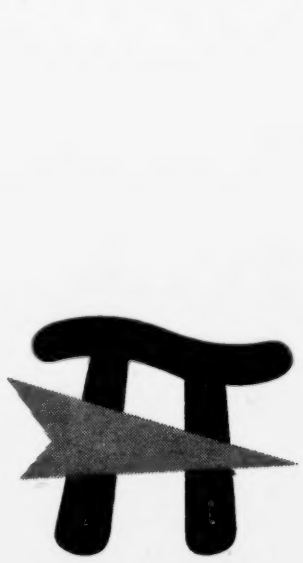

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ROBERT H. ANDERSON

Center for the Study of Instruction (CSI)
National Education Association

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FOREWORD

The educational reform movement has brought with it many valuable reports of projects on organizational change. The NEA Center for the Study of Instruction (CSI) is pleased to make available to a wide audience this bibliography by Robert H. Anderson, Professor of Education, Harvard University, Graduate School of Education.

Since the four-volume Report of the NEA Project on Instruction was published in 1963, many schools have made noteworthy progress in making more effective use of the time and talents of students and teachers. Nongrading, team teaching, programed instruction, new media, individualized learning—these are more than well-known terms today. Dr. Anderson is well qualified to select from the vast array of literature on these and other issues. The entries presented in the following pages should serve as a valuable resource for all who want to study trends in school organization.

This bibliography does not attempt to be inclusive. Some of the items omitted undoubtedly are deserving but are absent only because the author has not yet studied them. At some future time, we may wish to add similar material on the disadvantaged urban child, the reeducation of teachers, the school as the center of teacher education, trends in other areas of curriculum and instruction, and the like. In the meantime, CSI is proud to present this excellent, though not all-inclusive, *Bibliography on Organizational Trends in Schools.*

We wish to acknowledge with appreciation Dr. Anderson's contribution to the literature as well as the assistance of the following persons in the preparation of the manuscript: Sidney Dorros, Dorothy Hurwitz, Lynn Park, Donna Preudhomme, Cynthia Ritsher, and Lillian K. Spitzer.

Ole Sand
Director
NEA Center for the Study
of Instruction
August 1, 1968

1. THE EDUCATIONAL REFORM MOVEMENT AND MAJOR TRENDS IN SCHOOL ORGANIZATION

A. General

Anderson, Robert H. *Teaching in a World of Change.* New York: Harcourt, Brace and World, 1966.

Cremin, Lawrence A. *The Transformation of the School: Progressivism in American Education, 1876-1957.* New York: Alfred A. Knopf, 1961.

Davis, Frederick B. *Modern Educational Developments: Another Look.* Report of the Thirtieth Educational Conference of the Educational Records Bureau (October 29 and 30, 1965). New York: Educational Records Bureau, 1966.

Department of Elementary School Principals, National Education Association. *National Assessment of Educational Progress.* Published in cooperation with the NEA Center for the Study of Instruction. Washington, D.C.: the Department, 1967.

Featherstone, Joseph. "Schools for Children." *New Republic* 157: 17-21; August 19, 1967.

———. "How Children Learn." *New Republic* 157: 17-21; September 2, 1967.

———. "Teaching Children To Think." *New Republic* 157: 15-19; September 9, 1967.

Franklin, Marian Pope, editor. *School Organization: Theory and Practice.* Chicago: Rand McNally & Co., 1967.

Fraser, Dorothy M. *Current Curriculum Studies in Academic Subjects.* A working paper prepared for the Project on the Instructional Program of the Public Schools. Washington, D.C.: National Education Association, 1962.

Friedlander, Bernard Z. "Today's Innovations in Teaching." *NEA Journal* 55: 10-14; March 1966.

Goodlad, John I. *The Future of Learning and Teaching.* Washington, D.C.: National Education Association, 1968.

———. "Innovations in Education." *Educational Forum* 31: 275-84; March 1967.

———. *School Curriculum Reform in the United States.* New York: Fund for the Advancement of Education, 1964.

Goodlad, John I., and Anderson, Robert H. *The Nongraded Elementary School.* Revised edition. New York: Harcourt, Brace and World, 1963. Chapter 8, pp. 170-212.

Goodlad, John I., and Rehage, K. "Unscrambling the Vocabulary of School Organization." *NEA Journal* 51: 34-36; November 1962.

Goodlad, John I., and others. *The Changing School Curriculum.* New York: Fund for the Advancement of Education, August 1966.

Grazia, Alfred de, and Sohn, David, editors. *Revolution in Teaching.* New York: Bantam Matrix Editions, 1964.

Gross, Ronald, and Murphy, Judith, editors. *Revolution in the Schools.* New York: Harcourt, Brace and World, 1964.

Guggenheim, Fred, and Guggenheim, Corinne L., editors. *New Frontiers in Education.* New York: Grune & Stratton, 1966.

Heathers, Glen. "Team Teaching and the Educational Reform Movement." *Team Teaching.* (Edited by Judson T. Shaplin and Henry F. Olds, Jr.) New York: Harper & Row, 1964. pp. 345-75.

Hillson, Maurie, and Karlson, Ramono. *Change and Innovation in Elementary School Organization: Selected Readings.* New York: Holt, Rinehart and Winston, 1965.

Jennings, Frank G. "It Didn't Start with Sputnik." *Saturday Review* 50: 77-79, 95-97; September 16, 1967.

Joyce, Bruce. *The Teacher and His Staff: Man, Media, and Machines.* Washington, D.C.: National Education Association, 1967.

Keppel, Francis. *The Necessary Revolution in American Education.* New York: Harper & Row, 1966.

National Education Association, Center for the Study of Instruction. *From Bookshelves to Action.* A guide to using the recommendations of the NEA Project on Instruction. Washington, D.C.: the Association, 1964.

National Education Association, National Association of Secondary School Principals. "Changing Secondary Schools." *NASSP Bulletin* 47: 1-144; May 1963.

National Education Association, Project on the Instructional Program of the Public Schools. *Deciding What To Teach; Education in a Changing Society; Planning and Organizing for Teaching.* Major reports of the Project. Washington, D.C.: the Association, 1963.

———. *The Principals Look at the Schools.* A status study of selected instructional practices. Washington, D.C.: the Association, 1962.

———. *The Scholars Look at the Schools.* A report of the Disciplines Seminar. Washington, D.C.: the Association, 1962.

———. *Schools for the Sixties.* New York: McGraw-Hill Book Co., 1963.

National Society for the Study of Education. *The Changing American School.* 1966 Yearbook, Part II. (Edited by John I. Goodlad.) Chicago: the Society, 1966.

Sand, Ole. "Schools for the 70's." *National Elementary Principal* 47: 21-29; September 1967.

Saturday Review. "Changing Directions in American Education." *Saturday Review* 50: 37-64, 73; January 14, 1967.

Sealey, L. G. W. "Looking Back on Leicestershire." *ESI Quarterly Report.* Spring-Summer 1966. pp. 37-41.

Washburne, Carleton Wolsey, and Marland, Sidney P., Jr. *Winnetka: The History and Significance of an Educational Experiment.* Englewood Cliffs, N.J.: Prentice-Hall, 1963.

Woodring, Paul. "Reform Movements from the Point of View of Psychological Theory." *Theories of Learning and Instruction.* 1964 Yearbook, Part I, National Society for the Study of Education. Chicago: University of Chicago Press, 1964. pp. 286-305.

B. Change Processes in the Schools

Beeby, C. E. *The Quality of Education in Developing Countries.* Cambridge, Mass.: Harvard University Press, 1966. (See especially Chapter 3, "Educational Conservatism," pp. 29-47.)

Bennis, Warren G. *Changing Organizations.* New York: McGraw-Hill Book Co., 1966.

Bennis, Warren G.; Benne, K.; and Chin, R. *The Planning of Change.* New York: Holt, Rinehart and Winston, 1961.

Bienenstok, Theodore. "Resistance to an Educational Innovation." *Elementary School Journal* 65: 420-28; May 1965.

Brickell, Henry M. "Dynamics of Change." *NASSP Bulletin* 47: 21-28; May 1963.

———. *Organizing New York State for Educational Change.* Albany: New York State Education Department, December 1961.

Carlson, Richard O. *Adoption of Educational Innovations.* Eugene: Center for the Advanced Study of Educational Administration, University of Oregon, 1965.

Carswell, Evelyn. "Walker School's Interpretation of Educational Change." *Educational Leadership* 24: 643-47; April 1967.

Center for the Advanced Study of Educational Administration. *Change Processes in the Public Schools.* Eugene: the Center, University of Oregon, 1965.

Cunningham, Luvern L. "The Teacher and Change." *Elementary School Journal* 62: 119-29; December 1961.

Downey, Lawrence W. "Direction Amid Change." *Phi Delta Kappan* 42: 186-91; February 1961.

Guba, Egon G., issue editor. "Planning for Educational Change." *Theory into Practice* 5: 1-66; February 1966.

Heathers, Glen. "Guidelines for Reorganizing School, Classroom, and Curriculum." *Rational Planning in Curriculum and Instruction—Eight Essays.* Washington, D.C.: National Education Association, Center for the Study of Instruction, 1967.

———. *Organizing Schools Through the Dual Process Plan.* Danville, Ill.: Interstate Printers and Publishers, 1967.

———. "The Role of Innovation in Education." *National Elementary Principal* 43: 9-14; September 1963.

Howes, Virgil M. "A Strategy for Research and Change: The League of Cooperating Schools." *Childhood Education* 44: 68-69; September 1967.

Kaser, Tom. "IDEA: Prescription for Change." *Saturday Review* 49: 68-69; June 18, 1966.

Lippitt, Ronald; Watson, Jeanne; and Wesley, Bruce. *Dynamics of Planned Change.* New York: Harcourt, Brace and World, 1958.

Miles, Matthew B., editor. *Innovation in Education.* New York: Bureau of Publications, Teachers College Press, Columbia University, 1964.

Miller, Richard I., editor. *Perspectives on Educational Change.* New York: Appleton-Century-Crofts, 1966.

Morphet, Edgar L., and Ryan, Charles O., editors. *Designing Education for the Future, No. 3: Planning and Effecting Needed Changes in Education.* New York: Citation Press, 1967.

NEA Journal. "Educational Decision Making." Special feature. *NEA Journal* 56: 22-31; December 1967.

C. The Middle School Trend in School Unit Organization

Alexander, William M. "The Junior High School: A Positive View." *NASSP Bulletin* 49: 276-85; March 1965.

———. "What Educational Plan for the In-Between-Ager?" *NEA Journal* 55: 30-32; March 1966.

Alexander, William M., and Williams, E. L. "Schools for the Middle School Years." *Educational Leadership* 23: 217-23; December 1965.

Anderson, Robert H. "The Junior High School." *Architectural Record* 129: 126-31; January 1961.

Brod, Pearl. "The Middle School: Trends Toward Its Adoption." *The Clearing House* 40: 331-33; February 1966.

Department of Education and Science. *New Problems in School Design: Middle Schools.* Building Bulletin 35. London: the Department, Her Majesty's Stationery Office (49 High Holborn, W.C.1), Crown Copyright 1966.

Educational Facilities Laboratories. *Middle Schools.* A profile report. New York: the Laboratories (477 Madison Ave.), 1965.

Grooms, Ann. "The Middle School and Other Innovations." *NASSP Bulletin* 51: 158-66; May 1967.

———. *Perspectives on the Middle School.* Columbus, Ohio: Charles E. Merrill Books, 1967.

McCarthy, Robert J. "A Nongraded Middle School." *National Elementary Principal* 47: 15-21; January 1968.

Madon, Constant A. "The Middle School: Its Philosophy and Purpose." *The Clearing House* 40: 329-30; February 1966.

Mead, Margaret. "Early Adolescence in the United States." *NASSP Bulletin* 49: 5-14; April 1965.

Nickerson, Neal C. *Junior High Schools Are on the Way Out.* Special Monograph No. 2. Minneapolis, Minn.: Educational Research and Development Council of the Twin Cities Metropolitan Area, 1966. (Order from the Interstate Printers and Publishers, Danville, Ill.)

Wattenberg, William W. "The Junior High School: A Psychologist's View." *NASSP Bulletin* 49: 34-44; April 1965.

Woodring, Paul. "The New Intermediate School." *Saturday Review* 48: 77-78; October 16, 1965.

2. COOPERATIVE TEACHING AND EMERGING STAFF UTILIZATION PRACTICES

A. Staff Utilization: General

Corey, Arthur F. *The Responsibility of the Organized Profession for the Improvement of Instruction.* Washington, D.C.: National Education Association, Center for the Study of Instruction, 1967.

Heathers, Glen, editor. "Conducting Field Research in Elementary Education." *Journal of Educational Sociology* 34: 337-88; April 1961. (See also the article by Heathers, "Field Research on the Elementary School Organization and Instruction," pp. 338-43, and by Esin Kaya, "Problems in Evaluating Educational Plans in the School Setting," pp. 355-59.)

Hedges, William D. "Differentiated Teaching Responsibilities in the Elementary School." *National Elementary Principal* 47: 48-54; September 1967.

Joyce, Bruce R. "Staff Utilization." *Review of Educational Research* 37: 323-36; June 1967.

National Education Association, National Association of Secondary School Principals. "Locus of Change: Staff Utilization Studies." *NASSP Bulletin* 66: 1-322; January 1962. (Prepared for the Committee on Staff Utilization, appointed by NASSP. Consult also the January issues of preceding years, each being an annual report of the Staff Utilization Studies.)

Rand, M. John, and English, Fenwick. "Toward a Differentiated Teaching Staff." *Phi Delta Kappan* 49: 264-68; January 1968.

B. The Teaming of Teachers

Anderson, Robert H. "Organizational Character of Education: Staff Utilization and Deployment." *Review of Educational Research* 34: 455-69; October 1964.

———. "Some Types of Cooperative Teaching in Current Use." *National Elementary Principal* 44: 22-26; January 1965.

———. "Team Teaching." *NEA Journal* 50: 52-54; March 1961.

———. "Three Examples of Team Teaching in Action." *Nation's Schools* 65: 62-65; May 1960.

Anderson, Robert H.; Hagstrom, E. A.; and Robinson, W. M. "Team Teaching in an Elementary School." *School Review* 68: 71-84; Spring 1960.

Bair, Medill, and Woodward, Richard. *Team Teaching in Action.* Boston: Houghton Mifflin Co., 1964.

Beggs, David W., editor. *Team Teaching: Bold New Venture.* Indianapolis, Ind.: Unified College Press, 1964.

Buechner, Alan C. "Team Teaching in Elementary Music Education." *Music Educators Journal* 50: 31-35; November-December 1963.

Claremont Graduate School. *The Claremont Teaching Team Program.* Claremont, Calif.: the Graduate School, n.d.

Davis, Harold S. *How To Organize an Effective Team Teaching Program.* Englewood Cliffs, N.J.: Prentice-Hall, 1966.

Dean, Stuart E., and Witherspoon, Clinette F. "Team Teaching in the Elementary School." *Education Briefs.* U.S. Department of Health, Education, and Welfare,

Office of Education, Elementary Schools Section, No. 38 (OE-23022). Washington, D.C.: Government Printing Office, January 1962.

Fischler, Abraham S. "Use of Team Teaching in the Elementary School." *School Science and Mathematics* 62: 281-88; April 1962.

Fischler, Abraham S., and Shoresman, Peter B. "Team Teaching in the Elementary School: Implications for Research in Science Instruction." *Science Education* 46: 406-15; December 1962.

Gleen, Edward E. "Plan Ahead for Team Teaching." *American School Board Journal* 154: 33-36; June 1967.

Heathers, Glen. "Research on Implementing and Evaluating Cooperative Teaching." *National Elementary Principal* 44: 27-33; January 1965.

Heller, Melvin P. *Team Teaching: A Rationale.* Dayton, Ohio: National Catholic Education Association, 1967. (Distributed by G. A. Pflaum Publishers)

Hillson, Maurie, and Scribner, Harvey B., editors. *Readings in Collaborative and Team Approaches to Teaching and Learning.* A SURED Project. New York: Selected Academic Readings (880 Broadway), 1965.

Hoffa, Harlan, and Fawcett, Temple. "Team Teaching and Art Teaching." *School Arts* 62: 18-20; February 1963.

Huus, Helen, editor. *Education and the National Purpose.* Forty-Ninth Annual Schoolmen's Week Proceedings. Philadelphia: University of Pennsylvania Press, 1962. (See Robert H. Anderson's articles on "Team Teaching in the Elementary and Secondary Schools," pp. 70-82, and "The Present Challenge for Superior Teachers," pp. 124-32.)

Jarvis, Galen M., and Fleming, Roy C. "Team Teaching as Sixth Graders See It." *Elementary School Journal* 66: 35-39; October 1965.

Johnson, Robert H., Jr., and Hunt, John J. *Rx for Team Teaching.* Minneapolis, Minn.: Burgess Publishing Co., 1968.

Lambert, Philip. "Team Teaching for Today's World." *Teachers College Record* 64: 480-86; March 1963.

Lambert, Philip; Goodwin, William L.; and Wiersma, William. "A Study of the Elementary School Teaching

Team." *Elementary School Journal* 66: 28-34; October 1965.

Lovell, Kenneth. *Team Teaching: Its Nature and the Relevance of U.S.A. Experience for British Teachers.* Leeds, England: Institute of Education, Leeds University, 1967.

National Education Association, Department of Elementary School Principals. "Cooperative Teaching." *National Elementary Principal* 44: 1-104; January 1965.

Norwalk Public Schools. *Norwalk School Improvement Program.* Fourth Report, April 1962-August 1963. Norwalk, Conn.: Board of Education (105 Main St.), 1963. (See also earlier reprints.)

Peake, Graham J. "Team Teaching: An Experiment in American Education." *Education Gazette.* Sydney, New South Wales, Australia: Department of Education (Box 33, GPO), March 1964. pp. 132-35.

Peterson, Carl H. *Effective Team Teaching: The Eastern Area High School Program.* West Nyack, N.Y.: Parker Publishing Co., 1966.

Polos, Nicholas C. *The Dynamics of Team Teaching.* Dubuque, Iowa: William C. Brown Co., 1965.

Shaplin, Judson T. "Team Teaching." *Saturday Review* 44: 54-55, 70; May 20, 1961.

Shaplin, Judson T., and Olds, Henry F., Jr., editors. *Team Teaching.* New York: Harper & Row, 1964. (Includes chapters by Robert H. Anderson, Joseph C. Grannis, Cyril G. Sargent, Dan C. Lortie, and Glen Heathers.)

Stokes, Joseph M. "Team Teaching in College." *Saturday Review* 49: 70-75; July 16, 1966.

C. Nonprofessional Personnel

Anderson, Robert H. *Teaching in a World of Change.* New York: Harcourt, Brace and World, 1966. Chapter 6, "The People Who Work with Teachers," pp. 109-31.

Central Michigan College. *A Cooperative Study for the Utilization of Teacher Competencies.* Second printed report. Mount Pleasant: the College, 1955.

Cloward, Robert D. "The Nonprofessional in Education." *Educational Leadership* 24: 604-06; April 1967.

Emerling, Frank C., and Chavis, Kanawha Z. "The Teacher Aide." *Educational Leadership* 24: 175-83; November 1966.

———. *The Teacher Aide in North Carolina's Comprehensive School Improvement Project.* Publication No. 395. Raleigh: State Department of Public Instruction, May 1966. (See bibliography on p. 30.)

Leggatt, Timothy William. *The Use of Nonprofessionals in Public Education: A Study in Innovation.* Doctor's thesis. Chicago: University of Chicago, 1966.

National Education Association, Department of Elementary School Principals. "Auxiliary Personnel in the Elementary School." *National Elementary Principal* 46: 1-100; May 1967. (Includes bibliography on pp. 16-17, plus editorial and 12 articles.)

National Education Association, Research Division and American Association of School Administrators. *Teacher Aides in Large School Systems.* Education Research Service Circular No. 2, 1967. Washington, D.C.: the Association, 1967.

NEA Journal. "How the Profession Feels About Teacher Aides." *NEA Journal* 56: 16-19; November 1967.

Perkins, Bryce. *Factors Which Have Influenced the Development of the Role of the Paraprofessional in the Public Elementary Schools of Norwalk, Connecticut.* Doctor's thesis. New York: New York University, 1961. (Available at $2 from the Norwalk Board of Education, 105 Main St.)

———. *Getting Better Results from Substitutes, Teacher Aides, and Volunteers.* Successful School Management Series. Englewood Cliffs, N.J.: Prentice-Hall, 1966.

Schmitthausler, Carl Marvin. *Analysis of Programs Using Nonprofessional Teacher Helpers in Public School Systems.* Doctor's thesis. Berkeley: University of California, 1966.

Turney, David T. *The Instructional Secretary as Used by Classroom Teachers.* Nashville, Tenn.: George Peabody College for Teachers, 1959.

———. *Secretaries for Teachers.* Nashville, Tenn.: George Peabody College for Teachers, 1962.

Yale-Fairfield Study of Elementary Teaching. *Report for 1954-55*. New Haven, Conn.: the Study, 1956.

———. *Teacher Assistants*. New Haven, Conn.: the Study, 1959.

D. The Teaming of Leadership People

Anastasiow, Nicholas J., and Fischler, Abraham S. "A Proposal for Teaming Principals." *National Elementary Principal* 44: 59-64; November 1964.

Anderson, Robert H. "Supervision as Teaching: An Analogue." *Supervision Perspectives and Propositions*. Washington, D.C.: Association for Supervision and Curriculum Development, Commission on Supervision Theory, National Education Association, 1967. pp. 29-41.

Cogan, Morris L. "Clinical Supervision by Groups." *The College Supervisor*. Forty-Third Yearbook. Washington, D.C.: Association for Student Teaching, 1964. Chapter 11, pp. 114-31.

Grieg, James, and Lee, Robert R. "Cooperative Administration." *National Elementary Principal* 44: 71-76; January 1965.

Miller, Dale A. *Teaming Principals as an Approach to Instructional Leadership in the Elementary School*. Doctor's thesis. Stanford, Calif.: Stanford University, 1965.

St. Mary, Maurice E. "The Administrative Team in Supervision." *National Elementary Principal* 45: 59-61; April 1966.

3. NONGRADED SCHOOL ORGANIZATION

A. General

Beggs, David W., and Buffie, Edward G., editors. *Nongraded Schools in Action*. Bloomington: Indiana University Press, 1967. (Includes a good annotated bibliography)

Dean, Stuart E. "Nongraded Schools." *Education Briefs*. U.S. Department of Health, Education, and Welfare, Office of Education, Division of Elementary and Secondary Education, No. 1 (OE-20009). Washington, D.C.: Government Printing Office, July 1964.

Dipasquale, Vincent C. "The Relation Between Dropouts and the Graded School." *Phi Delta Kappan* 46: 129-33; November 1964.

Dufay, F. R. "When Nongrading Fails." *School Management* 11: 110-13; February 1967.

Eldred, Donald M., and Hillson, Maurie. "The Nongraded School and Mental Health." *Elementary School Journal* 63: 218-22; January 1963.

Heathers, Glen. "The Dual Progress Plan." *New Frontiers in Education.* (Edited by Fred Guggenheim and Corinne L. Guggenheim.) New York: Grune & Stratton, 1966. Chapter 14.

Hillson, Maurie. "The Nongraded School." *New Frontiers in Education.* (Edited by Fred Guggenheim and Corinne L. Guggenheim.) New York: Grune & Stratton, 1966. Chapter 13.

Howard, Eugene R.; Bardwell, Roger W.; and Gross, Calvin E. *How To Organize a Nongraded School.* Successful School Management Series. Englewood Cliffs, N.J.: Prentice-Hall, 1966.

Hunter, Madeline. "Teachers in the Nongraded School." *NEA Journal* 55: 12-15; February 1966.

McLoughlin, William P. *The Nongraded School: A Critical Assessment.* Albany: University of the State of New York, State Education Department, Office of Research and Evaluation, 1967.

———. "The Phantom Nongraded School." *Phi Delta Kappan* 49: 248-50; January 1968.

National Education Association, Research Division. *Nongraded Schools.* Washington, D.C.: the Association, May 1965.

Stoddard, George D. *The Dual Progress Plan.* New York: Harper and Brothers, 1961.

B. Elementary Schools

Anderson, Richard C. "The Case for Nongraded, Homogeneous Grouping." *Elementary School Journal* 62: 193-97; January 1962.

Anderson, Robert H. "The Nongraded School: An Overview." *National Elementary Principal* 47: 4-10; November 1967.

Anderson, Robert H., and Goodlad, John I. "Self-Appraisal in Nongraded Schools: A Survey of Findings and Perceptions." *Elementary School Journal* 62: 261-69; February 1962.

Bahner, John M. "Grouping Within a School." *Childhood Education* 36: 354-56; April 1960.

DiLorenzo, Louis T., and Salter, Ruth. "Cooperative Research on the Nongraded Primary." *Elementary School Journal* 65: 269-77; February 1965.

Dufay, Frank R. *Ungrading the Elementary School.* West Nyack, N.Y.: Parker Publishing Co., 1966.

Goodlad, John I. "Nongraded Schools: Meeting Children Where They Are." *Saturday Review* 48: 57-59, 72-74; March 20, 1965.

Goodlad, John I., and Anderson, Robert H. "Educational Practices in Nongraded Schools: A Survey of Findings and Perceptions." *Elementary School Journal* 62: 22-40; October 1962.

———. *The Nongraded Elementary School.* Revised edition. New York: Harcourt, Brace and World, 1963.

Graves, William H. *Nongraded Schools: Elementary Principals' Guide.* A joint study by the Texas Elementary Principals and Supervisors Association and the Texas Education Agency. College Station: Texas A&M Press, 1967. pp. 1-29.

Hillson, Maurie, and others. "Controlled Experiment Evaluating the Effects of a Nongraded Organization on Pupil Achievement." *Journal of Educational Research* 57: 548-50; July-August 1964.

Hunter, Madeline. "The Dimensions of Nongrading." *Elementary School Journal* 65: 20-25; October 1964.

National Education Association, Department of Elementary School Principals. "The Nongraded School: Part 1." *National Elementary Principal* 47: 2-51; November 1967.

———. "The Nongraded School: Part 2." *National Elementary Principal* 47: 2-45; January 1968. (Parts 1 and 2 have been reprinted under a single cover by the Department of Elementary School Principals, NEA. Stock No. 181-05550, $2)

Sloan, Fred A. Jr. "A Nongraded Social Studies Program for Grades Four, Five, and Six." *National Elementary Principal* 45: 25-29; January 1966.

Tewksbury, John L. *Nongrading in the Elementary School.* Columbus, Ohio: Charles E. Merrill Books, 1967. (Includes a good selected and annotated bibliography)

C. Secondary Schools

Brown, B. Frank. "An Answer to Dropouts: The Nongraded High School." *Atlantic Monthly* 214: 86-90; November 1964. (The second article in a series on "Our Best High Schools")

———. *The Appropriate Placement School: A Sophisticated Nongraded Curriculum.* West Nyack, N.Y.: Parker Publishing Co., 1965.

———. *The Nongraded High School.* Englewood Cliffs, N.J.: Prentice-Hall, 1963.

Dipasquale, Vincent C. "The Relation Between Dropouts and the Graded School." *Phi Delta Kappan* 46: 129-35; November 1964.

Hoban, Pierce F., and McManus, Barry J. "How To Nongrade a Small High School." *School Management* 9: 79-81; September 1965.

Nation's Schools. "Trimester Plan Makes Nova Novel." *Nation's Schools* 73: 84-87; April 1964.

———. "How Nova Learning Levels Work." *Nation's Schools* 73: 88; April 1964. (See also Paul Bethune's "The Nova Plan for Individualized Learning" in *Science Teacher* 33: 55-57; November 1966.)

Rollins, Sidney. *The Middletown Project: Development of a Nongraded Secondary School.* Providence: Rhode Island College, Division of Graduate Studies, 1962. (See also articles by Rollins in *NASSP Bulletin* 47: 70-72; May 1963 and *Nation's Schools* 73: 110-30; April 1964.)

4. PUPIL GROUPING AND INDIVIDUALIZED INSTRUCTION

Alexander, William M., and Hines, Vynce A. *Independent Study in Secondary Schools.* New York: Holt, Rinehart and Winston, 1967.

American Association of School Administrators. *A Climate for Individuality.* Statement of the Joint Project on the Individual and the School. Washington, D.C.: the Association, a department of the National Education Association, 1965.

Anderson, Robert H. "Flexibility of School Administration and the Individualization of Instruction." *The Computer in American Education.* (Edited by Donald D. Bushnell and Dwight W. Allen.) New York: John Wiley & Sons, 1967.

Association for Supervision and Curriculum Development. *Individualizing Instruction.* 1964 Yearbook. (Edited by Ronald C. Doll.) Washington, D.C.: the Association, a department of the National Education Association, 1964.

Borg, Walter R. *Ability Grouping in the Public Schools.* Madison, Wis.: Dembar Educational Research Services, 1966.

Durrell, Donald D. "Adapting Instruction to the Learning Needs of Children in the Intermediate Grades." *Journal of Education* 152: 2-9; December 1959.

———. "Implementing and Evaluating Pupil-Team Learning Plans." *Journal of Educational Sociology* 39: 360-65; April 1961.

Durrell, Donald D., and Scribner, Harvey B. "Problems and Possibilities in Differentiating Instruction in the Elementary School." *Journal of Education* 152: 72-78; December 1959.

Educational Testing Service. *New Approaches to Individualizing Instruction.* A Report of a Conference. Princeton, N.J.: the Service, 1965.

Franseth, Jane, and Koury, Rose. *Survey of Research on Grouping as Related to Pupil Learning.* U.S. Department of Health, Education, and Welfare, Office of Education, Bureau of Elementary and Secondary Education, Document No. FS 5.220:20089. Washington, D.C.: Government Printing Office, 1964.

Goldberg, Miriam; Passow, Harry; and Justman, J. *The Effects of Ability Grouping.* New York: Teachers College Press, Columbia University, 1966.

Goodlad, John I. *School, Curriculum, and the Individual.* Waltham, Mass.: Blaisdell Publishing Co., 1966.

Hamilton, W., and Rehwoldt, W. "By Their Differences They Learn." *National Elementary Principal* 37: 27-29; December 1957.

Heathers, Glen. "Grouping." *Encyclopedia of Educational Research.* Fourth edition. New York: Macmillan Co., 1970. (In press)

———. "Individualized Instruction and Title III, ESEA." *Catalyst for Change: A National Study of ESEA Title III (PACE).* (Edited by Richard I. Miller.) Published in *Notes and Working Papers Concerning the Administration of Programs* prepared for the Subcommittee on Education of the Committee on Labor and Public Welfare, U.S. Senate. Washington, D.C.: Government Printing Office, 1967. pp. 177-200.

Howes, Virgil M., and others. *Individualization of Instruction: A Search.* Los Angeles: Educational Inquiry (ASUCLA Student Store, 308 Westwood Plaza), 1967.

Kapfer, Philip G. "An Instructional Strategy for Individualized Learning." *Phi Delta Kappan* 49: 260-63; January 1968.

Lindvall, C. Mauritz, and Bolvin, J. O. *Individually Prescribed Instruction: The Oakleaf Project.* Working Paper 8. Pittsburgh, Pa.: Learning Research and Development Center, University of Pittsburgh, 1966.

Morgenstern, Anne, editor. *Grouping in the Elementary School.* New York: Pitman Publishing Corp., 1966.

National Society for the Study of Education. *Individualizing Instruction.* Sixty-First Yearbook. Chapters 12 and 13. Chicago: University of Chicago Press, 1962.

NEA Journal. "Individualizing Instruction." Special feature. *NEA Journal* 54: 31-40; November 1966.

Parker, Don H. *Schooling for Individual Excellence.* Camden, N.J.: Thomas Nelson & Sons, 1963.

Rhett, Leigh C. "Independent Study and the Campus Crisis." *Saturday Review* 49: 62-65; July 16, 1966.

Ridgway, Lorna, and Lawton, Irene. *Family Grouping in the Infants' School.* London: Ward Lock Educational Co., 1965.

Thelen, Herbert A. *Classroom Grouping for Teachability.* New York: John Wiley & Sons, 1967.

Thomas, R. Murray, and Thomas, Shirley M. *Individual Differences in the Classroom.* New York: David McKay Co., 1965.

Wolfson, Bernice. "The Promise of Multi-Age Grouping for Individualizing Instruction." *Elementary School Journal* 67: 354-62; April 1967.

Yates, Alfred, editor. *Grouping in Education.* New York: John Wiley & Sons, 1966.

5. RESEARCH AND DEVELOPMENT

A. Studies of Teaching

Amidon, Edmund J., and Simon, Anita. "Teacher-Pupil Interaction." *Review of Educational Research* 35: 130-39; April 1965.

Amidon, Edmund J.; Kies, Kathleen M.; and Palisi, J. A. "Group Supervision: A Technique for Improving Teaching Behavior." *National Elementary Principal* 45: 54-58; April 1966.

Asbell, Bernard. "Let the Children Teach." *Redbook Magazine,* February 1966.

Association for Supervision and Curriculum Development and the NEA Center for the Study of Instruction. *The Way Teaching Is.* Report of the Seminar on Teaching. Washington, D.C.: the Association, a department of the National Education Association and the National Education Association, 1966.

Bruner, Jerome S. *Toward a Theory of Instruction.* Cambridge, Mass.: Belknap Press of Harvard University Press, 1966.

Eble, Kenneth E. *A Perfect Education: Growing Up in Utopia.* New York: Macmillan Co., 1966.

Fantini, Mario D., and Weinstein, Gerald. "Reducing the Behavior Gap." *NEA Journal* 57: 23-25; January 1968.

Gage, N. L. "Can Science Contribute to the Art of Teaching?" *Phi Delta Kappan* 49: 399-403; March 1968.

———. *Handbook of Research on Teaching.* A project of the American Educational Research Association. Chicago: Rand McNally & Co., 1963.

Gage, N. L., and Unruh, W. R. "Theoretical Formulations for Research on Teaching." *Review of Educational Research* 37: 358-70; June 1967.

Glaser, Robert. "The Design of Instruction." *The Changing American School.* 1966 Yearbook, Part II. (Edited by John I. Goodlad.) Chicago: National Society for the Study of Education, 1966. pp. 215-42.

Gordon, Ira J. "Determining Teacher Effectiveness." *Educational Leadership* 20: 119-25; November 1962.

Harvard Educational Review. *Breakthroughs to Better Teaching.* Cambridge, Mass.: Harvard Graduate School of Education, 1966. (A special issue collecting nine articles published in the *Review* in the last five years which have a particular bearing on problems of more effective teaching)

Heathers, Glen. "Research on Implementing and Evaluating Cooperative Teaching." *National Elementary Principal* 44: 27-33; January 1965.

Howsam, Robert B. *New Designs for Research in Teacher Competence.* Burlingame: Joint Committee on Personnel Procedures of the California School Boards Association and the California Teachers Association, 1960.

Hunter, Madeline. *Motivation Theory for Teachers; Reinforcement Theory for Teachers; Retention Theory for Teachers.* Three programed books. El Segundo, Calif.: T.I.P. Publications (P.O. Box 514, El Segundo 90245), n.d. (A series of four filmed lectures entitled *Translating Theory into Classroom Practice* have been developed to accompany the programed texts. For further information write to Special Purpose Films, 26740 Latigo Shore Dr., Malibu, Calif. 90265.)

Klohr, Paul R. "Studies of the Teaching Act: What Progress?" *Educational Leadership* 20: 93-96; November 1962.

Lee, Dorris M. *Diagnostic Teaching.* Washington, D.C.: National Education Association, Department of Elementary-Kindergarten-Nursery Education, 1966.

LeFevre, Carol. "Teacher Characteristics and Careers." *Review of Educational Research* 37: 433-47; October 1967.

Lippitt, Ronald, and Lippitt, Peggy. "Cross-Age Helpers." *NEA Journal* 57: 24-26; March 1968.

MacDonald, James B. "Myths About Instruction." *Educational Leadership* 22: 571-76+; May 1965.

Macdonald, James B., and Leeper, Robert R., editors. *Theories of Instruction.* Papers from the ASCD Ninth Curriculum Development Institute. Washington, D.C.: Association for Supervision and Curriculum Development, a department of the National Education Association, 1965.

National Education Association, Division of Audiovisual Instructional Service and Center for the Study of Instruction. *Inquiry: Implications for Televised Instruction.* (Edited by Wilma McBride.) Washington, D.C.: the Association, 1966.

NEA Journal. "The Teacher-Student Relationship." Special feature. *NEA Journal* 57: 14-24; April 1968.

Perkins, Bryce, and others. "Teamwork Produces Audio-Visual Techniques." *Grade Teacher* 71: 55-72; June 1960.

Pi Lamda Theta. *The Evaluation of Teaching.* Report of the second catena. Washington, D.C.: Pi Lamda Theta, 1967.

Rogers, Carl R. "The Interpersonal Relationship in the Facilitation of Learning." *Humanizing Education: The Person in the Process.* (Edited by Robert R. Leeper.) Washington, D.C.: Association for Supervision and Curriculum Development, a department of the National Education Association, 1967.

Skinner, B. F. *The Technology of Teaching.* New York: Appleton-Century-Crofts, 1968.

Smith, Othanel B. "A Concept of Teaching." *Teachers College Record* 61: 229-41; February 1960.

B. Learning and Individual Differences

Almy, Millie, and others. *Young Children's Thinking: Studies of Some Aspects of Piaget's Theory.* New York: Teachers College Press, Columbia University, 1966.

Anderson, Harold H., editor. *Creativity in Childhood and Adolescence: A Diversity of Approaches.* American Orthopsychiatric Association. Palo Alto, Calif.: Science & Behavior Books, 1965.

Ausubel, David P. "The Influence of Experience on the Development of the Intelligence." *Productive Thinking in Education.* (Edited by Mary Jane Aschner and Charles E. Bish.) Washington, D.C.: National Education Association, 1965. pp. 45-62.

Bloom, Benjamin S. *Stability and Change in Human Characteristics.* New York: John Wiley & Sons, 1964.

Bowles, S., and Levin, H. M. "The Determinants of Scholastic Achievement: An Appraisal of Some Recent Evidence." *Journal of Human Resources.* 1968. (In press)

Brodwrick, Mary. "Creativity in Children." *National Elementary Principal* 46: 18-24; November 1966.

Bruner, Jerome S., and others. *Studies in Cognitive Growth.* New York: John Wiley & Sons, 1966.

Flavell, J. H. *The Developmental Psychology of Jean Piaget.* Princeton, N.J.: D. Van Nostrand Co., 1963.

Gagné, Robert M. *The Conditions of Learning.* New York: Holt, Rinehart and Winston, 1965.

Gagné, Robert M., editor. *Learning and Individual Differences.* A Symposium of the Learning Research and Development Center, University of Pittsburgh. Columbus, Ohio: Charles E. Merrill Books, 1967.

Guilford, J. P. "Intellectual Factors in Productive Thinking." *Productive Thinking in Education.* Washington, D.C.: National Education Association, 1965. pp. 5-20.

Holt, John C. *How Children Fail.* New York: Pitman Publishing Corp., 1964.

———. *How Children Learn.* New York: Pitman Publishing Corp., 1967.

Inhelder, Barbel, and Piaget, Jean. *The Growth of Logical Thinking from Childhood to Adolescence.* New York: Basic Books, 1958.

Kowitz, Gerald T. "The Management of Motivation." *Phi Delta Kappan* 49: 77-80; October 1967.

Krech, David. "The Chemistry of Learning." *Saturday Review* 51: 48-50, 68; January 20, 1968.

McGaugh, James L. "Some Changing Concepts about Learning and Memory." *NEA Journal* 57: 8-9, 51-54; April 1968.

NEA Journal. "Learning." Special feature. *NEA Journal* 55: 10-24; March 1966.

Passow, A. H., editor. *Nurturing Individual Potential: Papers and Reports.* ASCD Seventh Curriculum Research Institute. Washington, D.C.: Association for Supervision and Curriculum Development, a department of the National Education Association, 1964.

Rippey, Robert. "How Different Classroom Environments Affect Learning." *Phi Delta Kappan* 76: 525-27; June 1965.

Shulman, L., and Keislar, E., editors. *Learning by Discovery: A Critical Appraisal.* Chicago: Rand McNally & Co., 1966.

Torrance, E. Paul. *Rewarding Creative Behavior: Experiments in Classroom Creativity.* Englewood Cliffs, N.J.: Prentice-Hall, 1965. (See especially Chapter 7: "Differential Rewards for Boys and Girls.")

Waetjen, Walter B., editor. *Human Variability and Learning: Papers and Reports.* ASCD Fifth Curriculum Research Institute. Washington, D.C.: Association for Supervision and Curriculum Development, a department of the National Education Association, 1961.

C. Academic Achievement, Motivation, and the Prediction of Pupil Progress

Anastasiow, Nicholas J. "Frame of Reference of Teachers' Judgments: The Psycho-Physical Model Applied to Education." *Psychology in the Schools* 1: 392-95; October 1964.

Antes, John; Anderson, Don; and DeVault, M. Vere. "Elementary Pupils' Perception of the Social-Emotional Environment of the Classroom." *Psychology in the Schools* 2: 41-46; January 1965.

Bledsoe, J. C., and Garrison, K. C. *The Self-Concepts of Elementary School Children in Relation to Their Academic Achievement, Intelligence, Interests, and Manifest Anxiety.* Final report. Cooperative Research Project No. 1008. U.S. Department of Health, Education, and Welfare. Washington, D.C.: Government Printing Office, September 1962.

Bloom, Benjamin S. *Stability and Change in Human Characteristics.* New York: John Wiley & Sons, 1964.

Bowman, Paul H. "Family Role in the Mental Health of School Children." *Mental Health and Achievement: Increasing Potential and Reducing School Dropout.* (Edited by E. Paul Torrance and Robert D. Strom.) New York: John Wiley & Sons, 1965. Chapter 1, pp. 7-14.

Brookover, W. B.; Shailer, T.; and Patterson, Ann. "Self-Concept of Ability and School Achievement." *Sociology of Education* 37: 271-78; Spring 1964.

Coleman, James S. "Adolescent Subculture and Academic Achievement." *Mental Health and Achievement: Increasing Potential and Reducing School Dropout.* (Edited by E. Paul Torrance and Robert D. Strom.) New York: John Wiley & Sons, 1965. Chapter 9, pp. 83-95.

Crandall, Vaughn J. "Achievement." *Child Psychology.* National Society for the Study of Education. Chicago: University of Chicago Press, 1963.

Crandall, Virginia. "Achievement Behavior in Young Children." *Young Children* 20: 76-90; November 1964.

Goldberg, Miriam L. "Studies in Underachievement Among the Academically Talented." *Freeing Capacity To Learn.* Papers and reports from the Fourth ASCD Research Institute. (Edited by Alexander Frazier.) Washington, D.C.: Association for Supervision and Curriculum Development, a department of the National Education Association, 1960. pp. 56-73.

Halliwell, Joseph W. "A Comparison of Pupil Achievement in Graded and Nongraded Primary Classrooms." *Journal of Experimental Education* 32: 59-64; Fall 1963.

Hess, Robert D. "Maternal Teaching Styles and Educational Retardation." *Mental Health and Achievement: Increasing Potential and Reducing School Dropout.* (Edited by E. Paul Torrance and Robert D. Strom.) New York: John Wiley & Sons, 1965. Chapter 2, pp. 15-23.

Hillson, Maurie, and others. "Controlled Experiment Evaluating the Effects of a Nongraded Organization on Pupil Achievement." *Journal of Educational Research* 57: 548-50; July-August 1964.

Hirsch, Katrina de; Jansky, J. J.; and Langford, William S. *Predicting Reading Failure.* New York: Harper & Row, 1966.

Jones, Richard M. "The Role of Self-Knowledge in the Educative Process." *Harvard Educational Review* 32: 200-209; Spring 1962.

Lavin, David E. *The Prediction of Academic Performance.* New York: Russell Sage Foundation, 1965.

Loomis, Mary Jane, issue editor. "Elementary School Nonpromotion and Individual Potential." *Theory into Practice* 4: 85-128; June 1965. (Note especially the articles by Bernice D. Ellinger, Dean D. Knudsen, Shailer Thomas, and Walter B. Waetjen.)

McClelland, D. C. *The Achieving Society.* Princeton, N.J.: D. Van Nostrand Co., 1961.

Matlin, Arnold H., and Mendelsohn, Frances A. "The Relationship Between Personality and Achievement Variables in the Elementary School." *Journal of Educational Research* 58: 457-59; July-August 1965.

Rosenthal, Robert, and Jacobson, Lenore. *Pygmalion in the Classroom.* New York: Holt, Rinehart and Winston, 1968.

Roth, Robert M., and Meyersburg, H. Arnold. "The Nonachievement Syndrome." *Personnel and Guidance Journal* 41: 535-40; February 1963.

Torrance, E. Paul. *Rewarding Creative Behavior: Experiments in Creativity.* Englewood Cliffs, N.J.: Prentice-Hall, 1965.

Torrance, E. Paul, and Strom, Robert D., editors. *Mental Health and Achievement: Increasing Potential and Reducing School Dropout.* New York: John Wiley & Sons, 1965.

D. Sex Differences

Bentzen, Frances. "Sex Ratios in Learning and Behavior Disorders." *National Elementary Principal* 46: 13-17; November 1966.

Grambs, Jean D., and Waetjen, Walter B. "Being Equally Different: A New Right for Boys and Girls." *National Elementary Principal* 46: 59-67; November 1966.

Kagan, Jerome. "The Child's Sex Role Classification of School Objects." *Child Development* 35: 1051-56; December 1964.

Maccoby, Eleanor E., editor. *The Development of Sex Differences.* Stanford, Calif.: Stanford University Press, 1966.

National Education Association, Department of Elementary School Principals. "Sex Differences and the School." *National Elementary Principal* 46: 5-67; November 1966.

Preston, Ralph C. "Reading Achievement of German and American Children." *School and Society* 90: 350-54; October 20, 1962.

Sexton, Patricia. "Schools Are Emasculating Our Boys." Education Supplement. *Saturday Review* 48: 57; June 19, 1965.

6. REPORTING PUPIL PROGRESS

Anderson, Robert H. "The Importance and Purposes of Reporting." *National Elementary Principal* 45: 6-11; May 1966. (Also in *Education Digest* 32: 21-24; October 1966)

Austin, Mary C. "Report Cards and Parents." *Reading Teacher* 18: 660-63; May 1965.

Baker, Robert L., and Doyle, Roy P. "Teacher Knowledge of Pupil Data and Marking Practices at the Elementary School Level." *Personnel and Guidance Journal* 37: 644-47; May 1959.

Beery, Althea. "Schools Report to Parents." *Reading Teacher* 18: 639-44; May 1965.

Brandt, Richard M. "Needed: A Director of Pupil Assessment." *Educational Leadership* 24: 243-46; December 1966.

Briggs, Frances M. "Grades—Toll or Tyrant? A Commentary on High School Grades." *High School Journal* 47: 280-84; April 1964.

Chadwick, Ruth E.; Durham, Rose; and Morse, Marion. "The Report Card in a Nongraded School." *National Elementary Principal* 45: 22-28; May 1966. (Reprinted in *National Elementary Principal* 47: 22-28; January 1968.)

D'Evelyn, Katherine E. *Reporting to Parents.* NEA Elementary Instructional Service Leaflet. Washington, D.C.: Department of Elementary-Nursery-Kindergarten Education, National Education Association, November 1965.

Gaier, Eugene L. "The Grade Society." *National Elementary Principal* 45: 42-47; May 1966.

Goodlad, John I., and Anderson, Robert H. *The Nongraded Elementary School.* Revised edition. New York: Harcourt, Brace and World, 1963. Chapter 6, "Reporting Pupil Progress in the Nongraded School," pp. 102-41.

Halliwell, Joseph W., and Robitaille, Joseph P. "The Relationship Between Theory and Practice in a Dual Reporting Program." *Journal of Educational Research* 57: 137-41; November 1963.

Hammel, John A. "Report Cards: A Rationale." *National Elementary Principal* 43: 50-52; May 1964.

Hanson, Earl H. "What Is Success and How Should We Report to Parents?" *Education* 82: 126; October 1961.

Heffernan, Helen. "Questions Parents Ask." *Grade Teacher* 81: 22ff; May 1964.

Hillson, Maurie. "The Nongraded School: Record Keeping, Evaluation, and Reporting Individual Progress." *Hillson Letter No. 13.* Chicago: Science Research Associates (259 E. Erie St., Chicago 60611), March 27, 1967.

Hockstad, Patricia. "Report Cards: Helpful or Harmful?" *Education* 84: 174-75; November 1963.

Hoyt, Donald P. *The Relationship Between College Grades and Adult Achievement.* Iowa City: American College Testing Program (P.O. Box 168), n.d.

Hunter, Madeline C. "Home-School Communication." *National Elementary Principal* 47: 24-30; November 1967.

Jameson, Marshall. "Can't We Give Up the Report Card?" *Jameson Letter No. 4.* Chicago: Science Research Associates (259 E. Erie St., Chicago 60611), November 18, 1966. (See also "A Case for Cumulative Records." *Jameson Letter No. 13.* March 27, 1967.)

Johnson, Wallace R. "Parent-Teacher Conferences." *National Elementary Principal* 45: 48-50; May 1966.

Kaiser, George M. "A Direct Line to Johnny's School." *PTA Magazine* 55: 8-10; March 1961.

Kingston, Albert J., and Wash, James A., Jr. "Research on Reporting Systems." *National Elementary Principal* 45: 36-40; May 1966.

Klemm, Eugene. "Parents and Report Cards." *PTA Magazine* 61: 24-26; October 1966.

Landau, Elliot D. "Preparing for a Teacher-Parent Conference." *PTA Magazine* 60: 13-15; November 1965.

Melby, Ernest O. "The Deprived Child: His Gift to Education." *The Community School and Its Administration* 4: August 1966.

Misner, Paul J. "The Restoration of Report Cards." *PTA Magazine* 58: 10-12; February 1964.

Pearce, R. C. "Report Cards, an Appraisal: Teacher's Role." *New York State Education* 54: 54-55; October 1966.

Pease, Helen. "Kindergarten Letters to Parents." *Instructor* 73: 22ff; October 1963.

Rothney, John W. M. "Improving Reports to Parents." *National Elementary Principal* 45: 51-53; May 1966.

Terwilliger, James S. "Self-Reported Marking Practices and Policies in Public Secondary Schools." A survey of secondary school marking practices and policies. *NASSP Bulletin* 50: 1-37; March 1966.

Thelen, Herbert A. "The Triumph of 'Achievement' Over Inquiry in Education." *Elementary School Journal* 60: 190-97; January 1960.

Waetjen, Walter B. "The Prevention of Failure." *NEA Journal* 55: 32-41; April 1966. (This issue of the *NEA Journal* carries a series of articles on "The Failing Student.")

Weckler, Nora. "Problems in Organizing Parent-Teacher Conferences." *California Journal of Elementary Education* 24: 117-26; November 1955.

Wilhelms, Fred T. "A New Progressive Education?" *National Elementary Principal* 47: 30-37; September 1967.

Wilhelms, Fred T., editor. *Evaluation as Feedback and Guide.* Washington, D.C.: Association for Supervision and Curriculum Development, a department of the National Education Association, 1967.

7. THE COMPUTER IN EDUCATION

A. General

Goodlad, John I.; O'Toole, John F.; and Tyler, Louise L. *Computers and Information Systems in Education.* New York: Harcourt, Brace and World, 1966.

Hickey, Albert E., and Newton, John M. *CAI: A Survey of the Literature.* Newburyport, Mass.: ENTELEK, 42 Pleasant St., Newburyport 01950, n.d. (Also published by ENTELEK: *The CAI Guide*)

Iowa Education Information Center and the Iowa Department of Public Instruction. *Computer Concepts and Educational Administration.* (Edited by Robert W. Marker, Peter P. McGraw, and Franklin D. Stone.) Iowa City: Iowa Information Center, College of Education, University of Iowa, 1966.

Loughary, John W. *Man-Machine Systems in Education.* New York: Harper & Row, 1966.

Pincus, Margaret E., and Williamson, John N. *Some Essays on Computers in Education.* Cambridge, Mass.: New England School Development Council and the Graduate School of Education, Harvard University, 1967. (See especially Appendix-Bibliography beginning on p. 106.)

Silberman, Charles E. "Technology Is Knocking at the Schoolhouse Door." *Fortune* 74: 120-25, 198, 203-05; August 1966.

Suppes, Patrick. "The Use of Computers in Education." *Scientific American* 215: 206-20; September 1966.

B. Flexible Scheduling

Bush, Robert N., and Allen, Dwight W. *A New Design for High School Education.* New York: McGraw-Hill Book Co., 1964.

Bushnell, Don D., and Allen, Dwight W., editors. *The Computer in American Education.* New York: John Wiley & Sons, 1967. (Includes a chapter by Robert H. Anderson on "Sustaining Individualized Instruction Through Flexible Administration")

Carswell, Evelyn. "Teacher-Determined Variable Scheduling." *Innovations for Time To Teach.* Washington,

D.C.: Association of Classroom Teachers, a department of the National Education Association, 1966. pp. 49-52.

Manlove, Donald C., and Beggs, David W. *Flexible Scheduling*. Bold New Venture Series. Bloomington: Indiana University Press, 1965.

Moore, Arnold J. "An Approach to Flexibility." *Educational Leadership* 24: 691-95; May 1967.

Murphy, Judith. *School Scheduling by Computer: The Story of GASP*. New York: Educational Facilities Laboratories, 1964.

Nation's Schools. "Trimester Plan Makes Nova Novel." *Nation's Schools* 73: 84-88; April 1964.

Oregon State Department of Education. *A Computer-Developed Modular Flexible Schedule.* A progress report on an Oregon program activity at Marshall High School, Portland, Oregon. Salem: Division of Education Development, Oregon State Department of Education, 1964

C. Automated Instruction

Bolt, R. H. "An Overview of Potentials of Computer-Assisted Instruction." Paper presented at the First International Conference and Exhibit on the Impact of Educational Technology, American Management Association, July 15, 1965. Cambridge, Mass.: Bolt, Beranek, and Newman, 1965.

Bowen, Ezra. "The Computer as a Tutor." *Life* 62: 68-69, 72, 74-76, 78, 81; January 27, 1967.

Deterline, W. A. *An Introduction to Programed Instruction.* Englewood Cliffs, N.J.: Prentice-Hall, 1962.

Feurzeig, W. "The Computer as an Educator." *Conference Proceedings.* Eighth International Convention on Military Electronics. Washington, D.C., 1964. pp. 354-56. (The organization is now the Institute of Electrical and Electronics Engineers, 345 East 47th St., New York, N.Y. 10017.)

Glaser, Robert, editor. *Teaching Machines and Programed Learning, II: Data and Directions.* Washington, D.C.: National Education Association, 1965.

Grazia, Alfred de, and Sohn, David, editors. *Revolution in Teaching*. New York: Bantam Matrix Editions, 1964. (Parts I and II particularly)

Loughary, John W.; Friesen, Deloss; and Hurst, Robert. "Autoconn: A Computer Based Automated Counseling Simulation System." *Personnel and Guidance Journal* 45: 6-15; September 1966.

Lumsdaine, A. A., and Glaser, Robert, editors. *Teaching Machines and Programmed Learning: A Source Book*. Washington, D.C.: National Education Association, 1960.

National Society of Secondary Education. *Programmed Instruction*. (Edited by Phil C. Lange.) 1966 Yearbook, Part II. Chicago: University of Chicago Press, 1967.

Page, Ellis B. "The Imminence of Grading Essays by Computer." *Phi Delta Kappan* 47: 238-43; January 1966.

8. ARCHITECTURE, EQUIPMENT, AND USES OF SPACE

Anderson, Robert H., and Mitchell, Donald P. "School Plant Design." *Nation's Schools* 65: 75-82; June 1960.

Brubaker, Charles William. "Can Schools Learn Something from Other Building Types?" *American School and University* 38: 22-25; May 1966.

Educational Facilities Laboratories. *The Cost of a Schoolhouse*. A report. New York: the Laboratories (477 Madison Ave.), 1960.

———. *Planning for Schools with Television: Design for ETV*. (Prepared by Dave Chapman, Inc., Industrial Design.) New York: the Laboratories, 1960.

———. *Relocatable School Facilities*. A report. New York: the Laboratories, 1964.

———. *The School Library: Facilities for Independent Study in the Secondary School*. A report. New York: the Laboratories, 1964.

———. *Schools for Team Teaching: Ten Examples*. A profile report. New York: the Laboratories, 1961.

———. *Schools Without Walls: Profiles of Significant Schools*. A profile report. New York: the Laboratories, 1965.

Gores, Harold B. "Schoolhouse in Transition." *The Changing American School.* Sixty-Fifth Yearbook of the National Society for the Study of Education, Part II. (Edited by John I. Goodlad.) Chicago: the Society, 1966. Chapter 6, pp. 135-57.

Plath, Karl A. *Schools Within Schools: A Study of High School Organization.* Secondary School Administration Series. (Edited by David B. Austin.) New York: Teachers College Press, Columbia University, Bureau of Publications, 1965.

Sargent, Cyril G. "The Organization of Space." *Team Teaching.* (Edited by Judson T. Shaplin and Henry F. Olds, Jr.) New York: Harper & Row, 1964. pp. 216-40.

U.S. Department of Health, Education, and Welfare. *Library Facilities for Elementary and Secondary Schools.* (Prepared by James L. Taylor, Mary Helen Mahar, and Richard L. Darling.) Washington, D.C.: Government Printing Office, 1965.

9. BIBLIOGRAPHIES

Davis, Harold S. "Independent Study: An Annotated Bibliography." Cleveland, Ohio: Educational Research Council of Greater Cleveland, Staff Utilization Project, 1966.

Davis, Harold S., editor. "Team Teaching Bibliography." Cleveland, Ohio: Educational Research Council of Greater Cleveland, Staff Utilization Project. 1967.

Davis, Harold S., and Robb, Mel H., compilers. "Team Teaching: A Selected, Annotated Bibliography." Cleveland, Ohio: Educational Research Council of Greater Cleveland. Staff Utilization Project, January 1967.

Georgiada, William, and others. "Selected Bibliography Related to New Patterns of Staff Utilization." Salem, Oreg.: Division of Education Department, State Department of Education, July 1965.

Herbert, John. "Team Teaching, A Working Bibliography." New York: Teachers College Press, Columbia University, 1964.

Hochstettler, Phyllis. "Team Teaching Bibliography." Salem, Oreg.: Division of Education Development, State Department of Education, 1964.

Kurland, Norman, and Miller, Richard, compilers. "Selected and Annotated Bibliography on the Process of Change." 1966 edition. Albany: Center on Innovation, New York State Education Department, 1966.

McLoughlin, William P. "The Nongraded School: An Annotated Bibliography." Albany: University of the State of New York, September 1967.

Oestreich, Arthur. "Nongraded Schools and Team Teaching." Annotated bibliography available from Arthur Oestreich, Director, Division of University Schools, Indiana University, Bloomington, Indiana. (20¢ each; mark envelope "Bibliography Request.")

Spitzer, Lillian K. "A Selected Bibliography on Individualizing Instruction." 1967 revision, annotated. Los Angeles: IDEA Research Program (Suite 950, 1100 Glendon Ave., Los Angeles 90024), 1967.

———. "A Selection of Readings on the Process of Change." Los Angeles: IDEA Research Program (Suite 950, 1100 Glendon Ave., Los Angeles 90024), March 1967. (Annotated)

10. AUDIOVISUAL RESOURCES

Administrative Internship in Secondary School Improvement: Answers and Questions. 25 min., 16mm, color and b & w, sound. National Association of Secondary School Principals, a department of the National Education Association, 1201 Sixteenth St., N.W., Washington, D.C. 20036. $4, rental; $95, purchase.

Deciding What To Teach. 107 frames, 18 min., color, sound. National Education Association, Center for the Study of Instruction, 1201 Sixteenth St., N.W., Washington, D.C. 20036. 1965. NEA Stock No. 388-11712. $7; $10 with *Planning and Organizing for Teaching.* Sale only.

Elementary Electronic Classroom. 10 min. Produced under an E.F.C. grant. Enlarged City School District, 159 Prospect Ave., Middletown, N.Y. Free.

Focus on Change. 23 min. filmstrip. Narrated by Howard K. Smith. National Education Association, 1201 Sixteenth St., N.W., Washington, D.C. 20036.

Focus on the Individual—A Leadership Responsibility. 28 min. color filmstrip with 33⅓ rpm record. National

Education Association. National Association of Secondary School Principals, 1201 Sixteenth St., N.W., Washington, D.C. 20036. NEA Stock No. 488-19146. $5.

How To Provide Personalized Education in a Public School. 16mm, b & w. A series including five films. Special Purpose Films, 26740 Latigo Shore Dr., Malibu, Calif.

Can Individualization Work in Your School System? Part I. 41 min. John I. Goodlad, narrator.

How Can You Make Individualization Work in Your School System? Part II. 35 min. Madeline Hunter, narrator.

Why Are Team Teaching and Nongrading Important? Part III. 49 min. John I. Goodlad, narrator.

How Can You Apply Team Teaching and Nongrading to Your School? Part IV. 35 min. Madeline Hunter, narrator.

How Can the Curriculum for Individualized Education Be Determined? Part V. 35 min. John I. Goodlad, narrator.

Make a Mighty Reach. 45 min., color. Introduced by John W. Gardner. Institute for Development of Educational Activities (IDEA). P.O. Box 446, Melbourne, Fla.

More Different Than Alike. 35 min., 16mm, color, sound. National Education Association, National Commission on Teacher Education and Professional Standards, 1201 Sixteenth St., N.W., Washington, D.C. 20036. $5, rental per week; $125, sale.

New Life for Old Schools: An Interim Report. 20 min., sound, color. Research Council of the Great Cities Program for School Improvement. Distributed by Henk Newenhouse, Inc., 1825 New Willow Rd., Northfield, Ill. 60093.

The Nongraded School: Some Current Questions. 40 min. audiotape. Robert H. Anderson and Evelyn M. Carswell, discussants. Questions asked by Dorothy Neubauer, editor of *National Elementary Principal.* National Education Association, Department of Elementary School Principals, 1201 Sixteenth St., N.W., Washington, D.C. 20036. $6.50.

Patterns of School Organization. John I. Goodlad and Ole Sand. 55 min. tape recording. National Education Association, Department of Elementary School Principals, 1201 Sixteenth St., N.W., Washington, D.C. 20036. $5.

Planning and Organizing for Teaching. 110 frames, 18 min., color, sound. National Education Association, Center for the Study of Instruction, 1201 Sixteenth St., N.W., Washington, D.C. 20036. 1965. NEA Stock No. 388-11714. $7; $10 with *Deciding What To Teach.* Sale only.

The Quiet Revolution. 28 min., 16mm, color, sound. National Education Association, National Commission on Teacher Education and Professional Standards, 1201 Sixteenth St., N.W., Washington, D.C. 20036. $25, rental; $200, sale.

The Remarkable Schoolhouse. A CBS film. Rental from McGraw-Hill Book Co., Text-Film Department, 330 W. 38th St., New York, N.Y. 10036.

The Summer Children. Film. Project conceived by John I. Goodlad. 44 min., 16mm, color. University Elementary School, UCLA, Los Angeles 90024. Available for rental or purchase from Academic Communications Facility, University of California, 405 Hilgard Ave., Los Angeles 90024. $20, rental for 3 days; $210, sale.

Teaching the One and the Many. 28 min., 16mm, color, sound. National Education Association, National Commission on Teacher Education and Professional Standards, 1201 Sixteenth St., N.W., Washington, D.C. 20036. $5, rental per week; $150, purchase.

Team Teaching on the Elementary Level. 14 min., 16mm, sound, color. Produced by Frank Back and Donald Murphy. Bailey Films, 6509 De Longpre Ave., Hollywood, Calif. 90029. $8, rental; $150, sale.

This Is a Laboratory School. 33 min., b & w. University Elementary School, UCLA, Los Angeles 90024. $15, rental for 3 days.

To Build a Schoolhouse. 28 min. Educational Facilities Laboratories, 477 Madison Ave., New York, N.Y., 1965.